

03-11-04

PTO/SB/21 (02-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/732,755
	Filing Date	December 10, 2003
	First Named Inventor	Hong, Bor Shyue
	Art Unit	NYA
	Examiner Name	NYA
Total Number of Pages in This Submission	Attorney Docket Number	2558 US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Form PTO-1449 (5 pages)
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	References (43)
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	Return Card
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="text"/> Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Gregg C. Brown, Registration No. 30,613
Signature	
Date	March 10, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Deborah Weinschenk		
Signature		Date	March 10, 2004

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IN THE UNITED STATES PATENT AND TRADEMARKS OFFICE

In re Application of: Hong, et al.

Serial No: 10/732,755

Confirmation No.: NYA

Filed: December 10, 2003

Examiner: NYA

Group Art Unit: NYA

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as "Express Mail" Mailing Label No. EV 225 496 665 US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

Date: March 10, 2004

Name: Deborah A. Weinschenk

Signature: Deborah A. Weinschenk

For: CONTACT LENS CARE COMPOSITION CONTAINING CHITOSAN DERIVATIVES

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.56 AND §1.97 (b)(1)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §1.56, Applicants direct the attention of the Examiner to the sixty-three (63) reference(s) listed on the attached Form PTO-1449.

Because the PTO has waived the requirement under 37 CFR 1.98(a)(2) to submit copies of each cited U.S. patent and patent application publication in all U.S. national patent applications filed after June 30, 2003, copies of those documents are not being provided with this Information Disclosure Statement. Copies of the foreign patent documents and non-patent literature listed on the attached Form PTO-1449 are enclosed.

Applicants respectfully request that the listed references be considered during prosecution of this application, and that the references appear among the References Cited on any patent issuing herefrom.

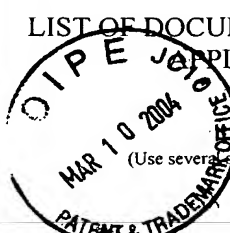
Respectfully submitted,
ALCON RESEARCH, LTD.

Date 3/10/04

By Gregg C. Brown
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Registration No. 30,613

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Attorney Docket No.: 2558 US

FORM PTO-1449 U.S. DEPT. OF COMMERCE Patent & Trademark Office		ATTY. DOCKET NO. <div style="text-align: center; font-weight: bold;">2558 US</div>		SERIAL NO. <div style="text-align: center; font-weight: bold;">10/732,755</div>		
LIST OF DOCUMENTS CITED BY APPLICANT 		APPLICANT <div style="text-align: center; font-weight: bold;">Hong, et al.</div>				
		FILING DATE <div style="text-align: center; font-weight: bold;">December 10, 2003</div>		GROUP <div style="text-align: center; font-weight: bold;">NYA</div>		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AAI	4,701,444	10/20/87	Segal, et al.		
	ABI	4,826,826	5/2/89	Conti		
	ACI	5,015,632	5/14/91	Nelson		
	ADI	5,057,542	10/15/91	Leuba, et al.		
	AEI	5,358,706	10/25/94	Marlin, et al.		
	AFI	5,370,744	12/6/94	Chowhan, et al.		
	ACI	5,407,919	4/18/95	Brode, et al.		
	AHI	5,422,116	6/6/95	Yen, et al.		
	AII	5,597,811	1/28/97	Gruber		
	AJI	5,621,088	4/15/97	Gruber		
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	AKI	0 356 060	9/28/94	Europe		
	ALI	0 737 692	1/16/02	Europe		
	AMI	JP 63-193999		Japan		
	ANI	JP 56-94322		Japan		X
	AOI	JP 59-106409		Japan		X
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
	API	Tokura, et al., "Studies on Chitin VIII. Some Properties of Water Soluble Chitin Derivatives", <u>Polymer Journal</u> , Vol. 15, No. 6, 1983, pages 485-489				
	AQI	"Nishimura, et al, "Bioactive Chitin Derivatives. Activation of Mouse-Peritoneal Macrophages by O-(Carboxymethyl) Chitins", <u>Carbohydrate Research</u> , Vol. 146, 1986, pages 251-258				
	ARI	Hjerde, et al., "Chemical Composition of O-(Carboxymethyl)-Chitins in Relation to Lysozyme Degradation Rates", <u>Carbohydrate Polymers</u> , Vol. 34, 1997, pages 131-139				
	ASI	Stokke, et al., "Sequence Specificities for Lysozyme Depolymerization of Partially N-acetylated Chitosans", <u>Can. J. Chem.</u> , Vol. 75, 1995, pages 1972-1981				

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA2	5,645,827	7/8/97	Marlin, et al.		
	AB2	5,747,475	5/5/98	Nordquist, et al.		
	AC2	5,773,021	6/30/98	Gurtler, et al.		
	AD2	5,858,937	1/12/99	Richard, et al.		
	AE2	5,876,744	3/2/99	Valle, et al.		
	AE2	5,891,861	4/6/99	Platt		
	AG2	5,948,401	9/7/99	Donabedian, et al.		
	AH2	6,037,333	3/14/00	Panjwani		
	AI2	6,046,176	4/4/00	Segal, et al.		
	AJ2	2002/0177577	11/28/02	Hung, et al.		
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	AK2	JP 63-9611	Japan			X
	AL2	JP 7-223966	Japan			X
	AM2	WO 94/13774	6/23/94	WIPO		
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
	AN2	Dung, et al., "Water Soluble Derivatives Obtained by Controlled Chemical Modifications of Chitosan", <u>Carbohydrate Polymers</u> , Vol. 24, 1994, pages 209-214				
	AO2	Nordtveit, et al., "Degradation of Fully Water-Soluble, Partially N-acetylated Chitosans with Lysozyme", <u>Carbohydrate Polymers</u> , Vol. 23, 1994, pages 253-260				
	AP2	Kristiansen, et al., "Competitive Binding of Highly de-N-acetylated Chitosans and N,N'-diacetylchitobiose to Lysozyme from Chicken Egg White Studies by ¹ H NMR Spectroscopy", <u>Carbohydrate Research</u> , Vol. 289, 1996, pages 143-150				
	AQ2	Hayashi, et al., "Muramidase Catalyzed Hydrolysis of Glycol Chitin", <u>Agr. Biol. Chem.</u> , Vol. 28, No. 8, 1964, pages 517-523				
	AR2	Bernkop-Schnurch, et al., "Chemically Modified Chitosans as Enzyme Inhibitors", <u>Advanced Drug Delivery Reviews</u> , Vol. 52, 2001, pages 127-137				
	AS2	Yamada, et al., "A Convenient Synthesis of Glycolchitin, a Substrate of Lysozyme", <u>Carbohydrate Research</u> , Vol. 92, 1981, pages 160-162				

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U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA3							
	AB3							
	AC3							
	AD3							
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	AG3							
	AH3							
	AI3							
	AJ3							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK3	WO 94/16743	8/4/94	WIPO				
	AL3	WO 95/09905	4/13/95	WIPO				
	AM3	WO 95/13097	5/18/95	WIPO				
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AN3	Hayashi, et al., "The Enzyme-Substrate Complex of Lysozyme with Chitin Derivatives", <u>The Journal of Biochemistry</u> , Vol. 65, No. 3, 1969, pages 401-405						
	AO3	Kurita, "Chemical Modification of Chitin", <u>Journal of Synthetic Organic Chemistry Japan</u> , Vol. 42, No. 6, 1984, pages 567-574						
	AP3	Senju, et al., "Studies of Chitin Part I On the Glycolation of Chitin and the Chemical Structure of Glycol Chitin", <u>Journal of the Agricultural Chemical Society of Japan</u> , Vol. 23, No. 10, 1950, pages 432-437						
	AQ3	Kumar, "An Internet Chitin and Chitosan Applied Research Resource", <u>Chitin and Chitosna for Versatile Applications Homepage Maintained by M.N.V. Ravi Kumar</u> , 11/22/00; pages 1-11						
	AR3	Rotman, et al., "Effect of a Chitin Derivative in Combination With Cleaning and Preservation Solutions for Contact Lenses on Adherence of Fungi", <u>Mycoses</u> , 2003 Blackwell Publishing Ltd., Vol. 46, pages 90-95						
	AS3	"Chitin", <u>The Merck Index</u> , Twelfth Edition, 1996, page 342						

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	AA4							
	AB4							
	AC4							
	AD4							
	AE4							
	AF4							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AG4	WO 96/03973	2/15/96	WIPO				
	AH4	WO 97/06782	2/17/97	WIPO				
	AI4	WO 98/06438	2/19/98	WIPO				
	AJ4	WO 98/19708	5/14/98	WIPO				
	AK4	WO 99/01498	1/14/99	WIPO				
	AL4	WO 99/32158	7/1/99	WIPO				
	AM4	WO 00/14155	3/16/00	WIPO				
	AN4	WO 00/30609	6/2/00	WIPO				
	AO4	WO 00/60038	10/12/00	WIPO				
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AP4	"Chitin", <u>The Merck Index</u> , Thirteenth Edition, 2001, pages 353-354						
	AQ4	"The Enzyme-substrate Complex in a Muramidase Catalyzed Reaction", <u>The Journal of Biochemistry</u> , Vol. 54, No. 5, (1963), pages 381-387						
	AR4	"Studies on the Structure and Enzymatic Function of Lysozyme", <u>The Journal of Biochemistry</u> , Vol. 48, No. 3, (1960), pages 351-357						
	AS4	"Chitosan as Tear Substitute: A Wetting Agent Endowed with Antimicrobial Efficacy", <u>Journal of Ocular Pharmacology and Therapeutics</u> , Vol. 16, No. 3, (2000), pages 261-270						

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U.S. PATENT DOCUMENTS							
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	AA4						
	AB4						
	AC4						
	AD4						
	AL4						
	AL4						

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AG4							
	AH4							
	AI4							
	AJ4							
	AK4							
	AL4							
	AM4							
	AN4							
	AO4							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AP4	"Topical Use of Chitosan in Ophthalmology: Tolerance Assessment and Evaluation of Precorneal Retention", <u>International Journal of Pharmaceutics</u> , Vo. 180 (1999), pages 185-193
	AQ4	"Biomaterials in Ophthalmic Drug Delivery", <u>Eur. Journal Pharm. Biopharm</u> , Vol. 42, No. 6, (1996), pages 358-374
	AR4	"Chitosan: A Unique Polysaccharide for Drug Delivery", <u>Drug Development in Industrial Pharmacy</u> , Vol. 24, No. 11, (1998), pages 979-993
	AS4	

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